

Supply, Install, Commission, and Support Remote Fuel Monitoring System

Procurement Reference Number: PR9756855

Requirement:

The US Mission in Djibouti invites responsible vendors to supply, install onsite, and commission remote fuel monitoring technology for one (1) fuel tanker truck and up to ten (10) stationary tank locations. Vendors must include **one-year** ongoing customer support and training service to US Embassy Djibouti staff in the calculation. Vendors must provide an initial base-quote for the 1 fuel tanker truck, and then a separate, additional add-on quote for up to 10 stationary tank locations. Vendors must also distinguish between the initial installation cost and the ongoing monthly costs. The system should be compliant with the local cellular system for reporting data to US Embassy Djibouti mobile phones. Each monitoring location shall be capable of providing real time status of fuel tank levels, fuel dispensation, fuel usage, rapid fuel loss, and GPS tracking of the monitors.

General Specifications:

- System shall have the potential to be expandable of monitoring up to sixty (60) locations.
- All components shall be weather resistant.
- All replacement parts shall be supported for a minimum of two (2) years.
- System shall be compatible with future technology.
- System shall report to administrator as alarm conditions: fuel loss alarm, four user identifiable alarm conditions, low tank level, sensor failure, loss of communication, no power.

Administrator Interface:

- System shall be capable of at least eight (8) administrators viewing at one time.
- GUI with map view, alarm status, current system status.
- System shall be able to produce reports such as fuel usage, liters per hour, fuel delivery amount and date, current liters per tank
- Mobile interface via smart phone – with options for both SMS and email alerts
- System network encryption
- System shall be password protected

Remote telemetry:

- Power – 220V and 50Hz (12 VDC)
- Communication with central station – Compliant with cellular network in Djibouti: Djibouti Telecom
- Communication with local sensors – wireless and wired
- Report alarm conditions within thirty seconds
- Status updates user adjustable between one and sixty minutes

Sensors:

- Power – onboard battery or 12-24 V DC as applicable
- Compatible with existing steel tanks
- Compatible with existing generator systems and our tanker truck (please see attached specifications)
- Voltage sensors compatible with 220 volt; 50 hertz; 1 or 3 phase
- Tank sensors shall provide current level, and excessive usage alarm

Issued Date: March 09, 2021

Closing Date: April 28, 2021; Noon (12:00) local time

Delivery points:

U.S. Embassy Djibouti
GSO Warehouse
Lot 350-B Haramouss
B.P. 185
Djibouti

Please submit your quotes to email: DjiboutiProcurement@state.gov .

Terms and Conditions

This RFQ incorporates by reference FAR 52.212-5 and 52.252-2, with the same force and effect as if they were given in full text. The full text of a clause may be accessed electronically at this address: <http://acquisition.gov/far/index.html>

DOSAR clauses may be accessed at:
<http://farsite.hill.af.mil/vfdosara.htm>